

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

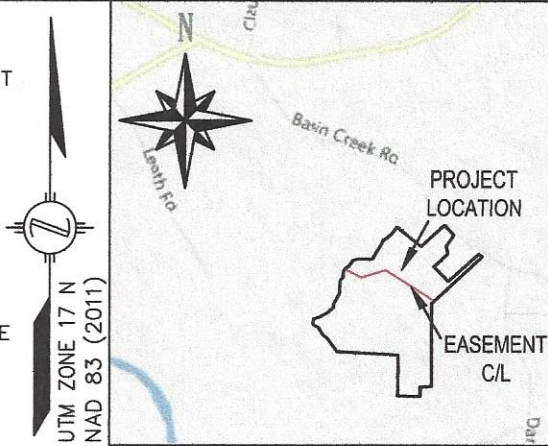
Exhibit 16 to Complaint

Map of MVP Parcel No. NC-AL-052.000

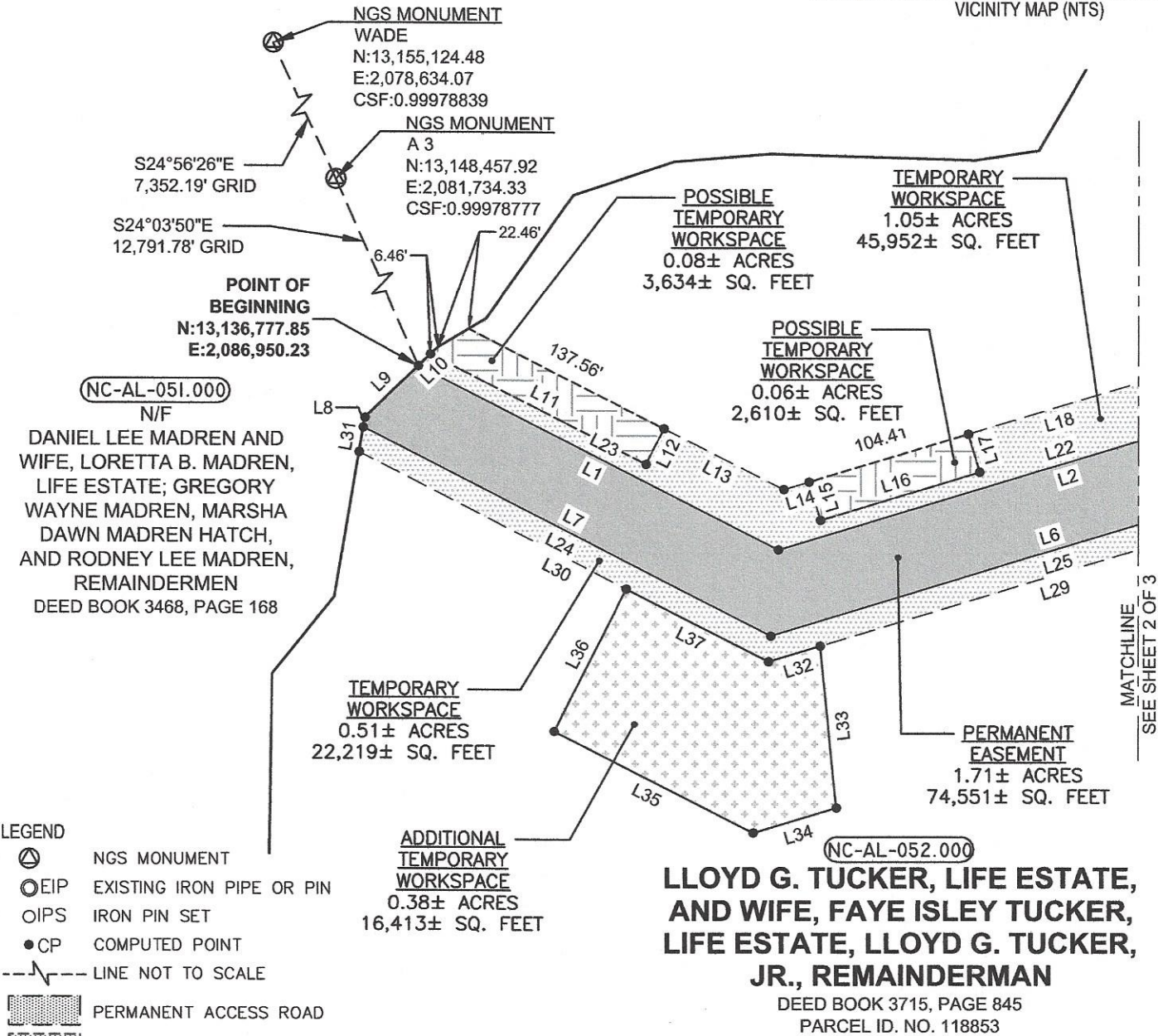
NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 3715, PAGE 845
5. PARCEL ID: 118853
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO THE UTM ZONE 17 N NAD83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



VICINITY MAP (NTS)



I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 3715, page 845); that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 18th day of June, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: DATE:



TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591

sq. ft.	acres
AREA OF PERMANENT EASEMENT: 74,551±	1.71 ACRES
AREA OF TEMPORARY WORKSPACE: 68,171±	1.56 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE: 39,487±	0.91 ACRES
AREA OF POSSIBLE TEMPORARY WORKSPACE: 6,244±	0.14 ACRES
CENTERLINE OF EASEMENT: 1,491±	90.38±

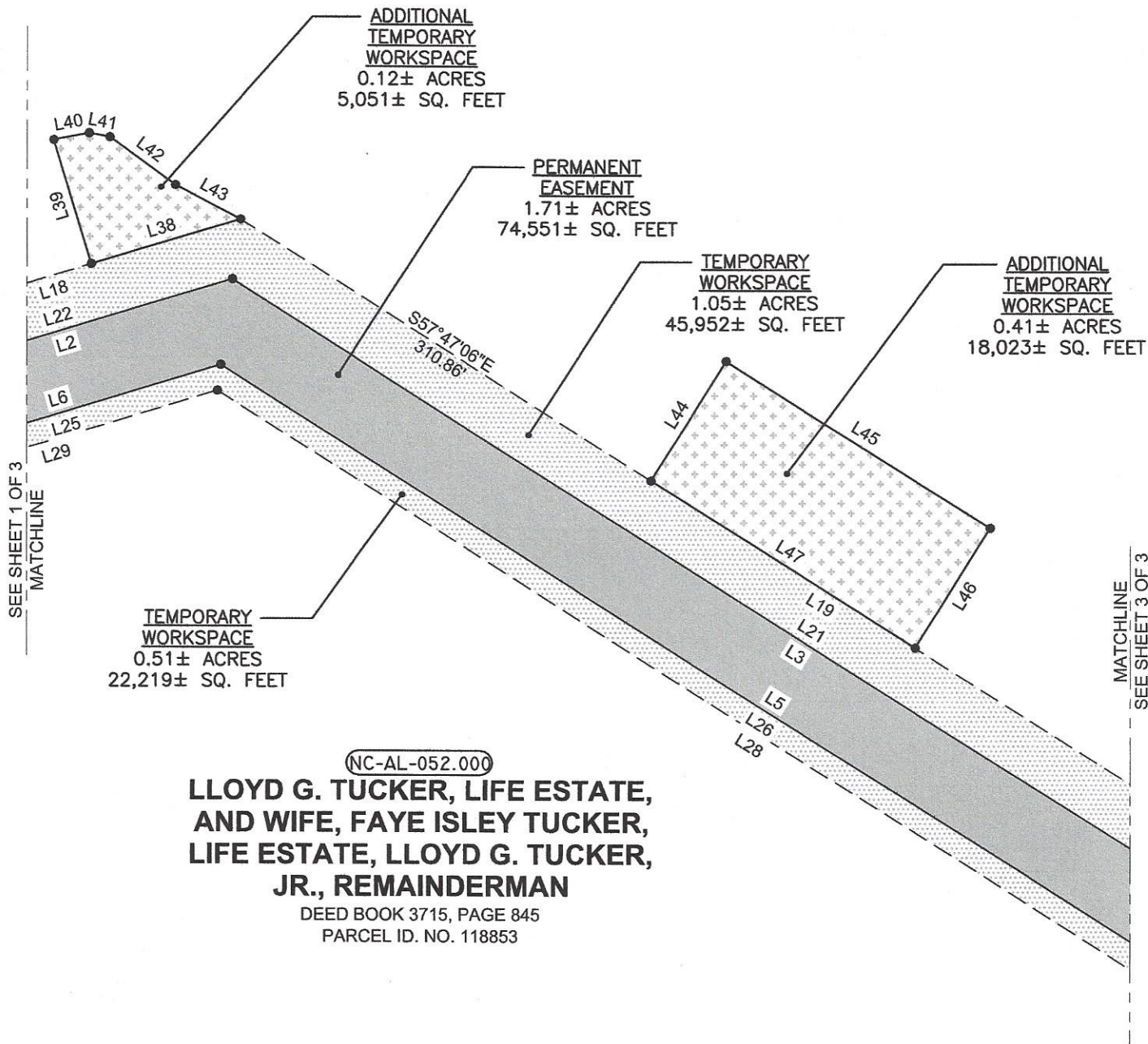
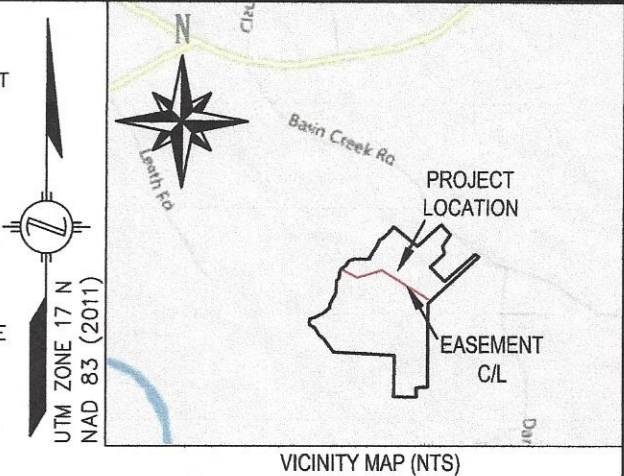
SEE SHEET 3 OF 3 FOR LINE TABLES

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF MORTON ALAMANCE COUNTY, NORTH CAROLINA			
PIPELINE EASEMENT IN PROPERTY OF LLOYD G. TUCKER, LIFE ESTATE, AND WIFE, FAYE ISLEY TUCKER, LIFE ESTATE, LLOYD G. TUCKER, JR., REMAINDERMAN NC-AL-052.000 DEED BOOK 3715, PAGE 845			
NC-AL-052.000			
Drawn By: DJB	Chk'd By:	App'd By:	TRC Proj. No. 300423
Drawn Date: 4/10/19	DD	TWK	Sheet: 1 OF 3
100 50 0 100			
GRAPHIC SCALE IN FEET			
REVISIONS			
A	4/10/2019	ISSUE FOR REVIEW	
1	5/22/20	MSF	GENERAL REVISIONS
		TWK	
No.	Date	Rev By	Description
			Checked

NOTES

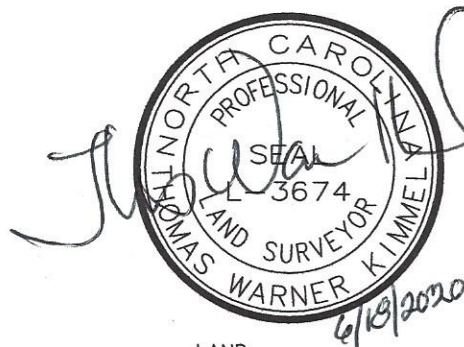
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EXHIBIT A



LEGEND

- NGS MONUMENT
- EXISTING IRON PIPE OR PIN
- IRON PIN SET
- COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE



LAND OWNER INITIALS: _____
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SEE SHEET 3 OF 3 FOR LINE TABLES

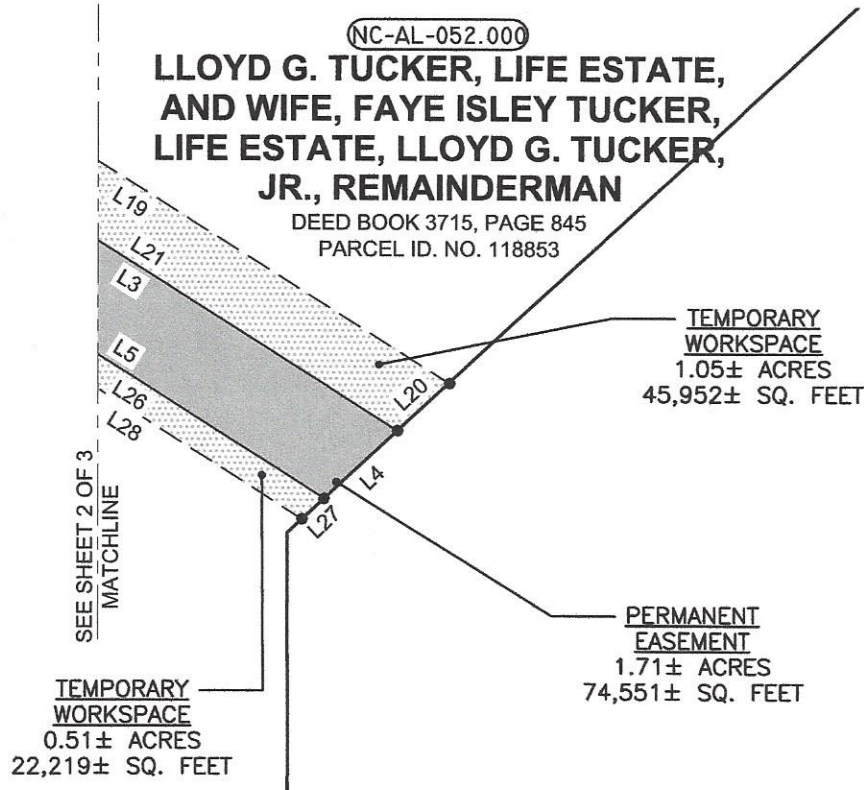
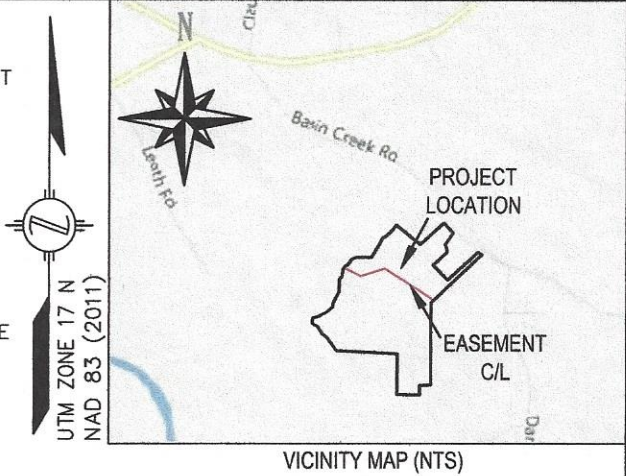
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Drawn By: DJB	Chk'd By: DD	App'd By: TWK	Scale: 1"=100'	MVP Proj. No.
Drawn Date: 4/10/19	DD	TWK	Sheet: 2 OF 3	
GRAPHIC SCALE IN FEET				
REVISIONS				
A	4/10/2019	ISSUE FOR REVIEW		
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SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

NOTES

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NC-AL-053.000
N/F
SUE I. TIPTON AND HUSBAND,
LAURENCE W. TIPTON
DEED BOOK 3060, PAGE 611

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S63°09'53"E	253.47'
L2	N73°12'51"E	373.95'
L3	S57°47'06"E	864.75'
L4	S47°24'17"W	51.81'
L5	N57°47'06"W	828.39'
L6	S73°12'51"W	371.18'
L7	N63°09'53"W	286.87'
L8	N09°36'02"E	6.18'
L9	N45°52'35"E	46.65'

TEMPORARY WORKSPACE					
LINE TABLE			LINE TABLE		
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L10	N45°52'35"E	10.58'	L22	S73°12'51"W	373.95'
L11	S63°09'53"E	151.80'	L23	N63°09'53"W	253.47'
L12	N26°50'07"E	25.00'	L24	S63°09'53"E	286.87'
L13	S63°09'53"E	84.22'	L25	N73°12'51"E	371.18'
L14	N73°12'51"E	16.52'	L26	S57°47'06"E	828.39'
L15	S16°47'09"E	25.00'	L27	S47°24'17"W	15.54'
L16	N73°12'51"E	104.41'	L28	N57°47'06"W	817.48'
L17	N16°47'09"W	25.00'	L29	S73°12'51"W	370.34'
L18	N73°12'51"E	254.97'	L30	N63°09'53"W	288.22'
L19	S57°47'06"E	890.21'	L31	N09°36'02"E	15.71'
L20	S47°24'17"W	36.27'			
L21	N57°47'06"W	864.75'			

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L32	N73°12'51"E	33.89'
L33	S05°43'10"E	101.89'
L34	S73°12'51"W	54.35'
L35	N63°09'53"W	140.02'
L36	N26°50'07"E	100.00'
L37	S63°09'53"E	100.00'
L38	S73°12'51"W	100.00'
L39	N16°47'09"W	82.96'
L40	N79°23'07"E	23.03'
L41	S79°50'34"E	13.46'
L42	S54°09'01"E	51.82'
L43	S62°10'26"E	47.27'
L44	N32°11'04"E	90.12'
L45	S57°47'06"E	199.99'
L46	S32°11'04"W	90.12'
L47	N57°47'06"W	199.99'

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Mountain Valley PIPELINE LLC

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Drawn Date: 4/10/19 Sheet: 3 OF 3 MVP Proj. No. _____

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